

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (Cancelled).

Claim 13 (Currently Amended): An audio Audio system providing [[a]] dynamic sound field adaptation to follow a listeners position, the audio system comprising:

~~a relative location determination means for determining relative positions of at least [[all]] one sound emitting components component of the audio system with respect to other sound emitting components of the audio system each other;~~

~~a personal device detection means for detecting [[a]] personal devices device belonging to a associated with at least one user;~~

~~a personal device position tracking means for tracking a position of a positions of the personal devices to produce a current position of each personal device device; and~~

~~a re-calibration means for re-calibrating [[the]] a sound field such that to position a sweet spot of the sound field is placed at a based on the current position positions of the personal devices device.~~

Claim 14 (Currently Amended): The audio Audio system according to claim 13, wherein

~~the relative location determination means for determining, the personal device detection means for detecting, the personal device position tracking means for tracking, and the re-calibration means for re-calibrating each are configured further include means for communicating to communicate via a network.~~

Claim 15 (Currently Amended): The audio Audio system according to claim 14,
wherein

the network ~~is at least partly implemented in a form of~~ comprises, at least in part, a
wireless communication network.

Claim 16 (Currently Amended): The audio Audio system according to claim 14,
wherein

that the network ~~is at least partly implemented in a form of~~ comprises, at least in part,
a wired communication network.

Claim 17 (Currently Amended): The audio Audio system according to claim 14,
wherein

the audio system includes physically-distinguished units,
each physically distinguishable physically-distinguished unit of the audio system
includes means for announcing membership attribute data representing [[its]] an identity of
the physically-distinguished unit.

Claim 18 (Currently Amended): The audio Audio system according to claim 13,
further comprising[[:]]

~~an arbitration means for arbitrating a location of the sweet spot among the current
positions of the personal devices, between different requirements set by more than one
personal device being detected by the personal device detection means according to a set of
criteria.~~

Claim 19 (Currently Amended): The audio Audio system according to claim 18,
wherein

~~one of the set of criteria is to position includes criteria that positions~~ the sweet spot for
covering a maximum number of the personal devices ~~personal device positions as tracked by~~
~~the personal device position tracking means.~~

Claim 20 (Currently Amended): The audio Audio system according to claim 18,
wherein

~~one of the set of criteria is to position includes criteria that positions~~ the sweet spot to
~~a position of a preferred personal device of the personal devices as tracked by the personal~~
~~device position tracking means.~~

Claim 21 (Currently Amended): The audio Audio system according to claim 13,
further comprising[:]]

~~physical item detection~~ means for detecting acoustically interfering items that
interfere with sound emitting components of the audio system around the sound source.

Claim 22 (Currently Amended): The audio Audio system according to claim 13,
further comprising[:]]

~~means for storing a profile storage configured to store~~ preferred settings of the audio
system.

Claim 23 (Currently Amended): The audio ~~Audio~~ system according to claim 13,
further comprising[[:]]

display means for displaying a position display configured to display positions of
sound emitting components of the audio system, and/or the current position of the each
personal devices device detected, and/or [[the]] a position of the current sweet spot.

Claim 24 (Currently Amended): The audio ~~Audio~~ system according to claim 13,
further comprising[[:]]

mode switching means for switching at least between at least a mode in which the
sweet spot follows a listener and a mode in which the sweet spot is kept in a fixed position.

Claim 25 (New): The audio system according to claim 1, wherein
the means for tracking further includes means for extrapolating a most probable
position of the personal device.

Claim 26 (New): An audio system providing dynamic sound field adaptation to
follow a listeners position, the audio system comprising:
a relative location determination unit configured to determine relative positions of at
least one sound emitting component of the audio system with respect to other sound emitting
components of the audio system;
a personal device detection unit configured to detect personal devices associated with
at least one user;
a personal device position tracking unit configured to track positions of the personal
devices to produce a current position of each personal device; and

a re-calibration unit configured to re-calibrate a sound field to position a sweet spot of the sound field based on the current positions of the personal devices.